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Set	Items	Description
S1	0	LENTIVIRUSES AND (REVIEW ARTICLE?)
S2	414	LENTIVIRUS? (S) REVIEW
S3	179	S2 NOT PY >=1998
S4	117	RD (unique items)
S5	0	S4 AND (RECOMBINANT (S) LENTIVIR? (S) VECTOR?)
S6	0	S4 AND (RECOMBINANT (5N) VECTOR?)
S7	3	S4 AND VECTOR?

Set Items Description  
S1 0 LENTIVIRUSES AND (REVIEW ARTICLE?)  
S2 414 LENTIVIRUS? (S) REVIEW  
S3 179 S2 NOT PY >=1998  
S4 117 RD (unique items)  
S5 0 S4 AND (RECOMBINANT (S) LENTIVIR? (S) VECTOR?)  
S6 0 S4 AND (RECOMBINANT (5N) VECTOR?)  
S7 3 S4 AND VECTOR?  
>>>KWIC option is not available in file(s): 399

7/3,K/1 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
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04253427 EMBASE No: 1990135970

**Role of mononuclear phagocytes in the pathogenesis of human immunodeficiency virus infection**

Meltzer M.S.; Skillman Gomatos D.R.P.J.; Kalter D.C.; Gendelman H.E.  
HIV Immunopathogenesis Program, Department of Cellular Immunology, Walter Reed Army Institute of Research, Rockville, MD 20850 United States  
Annual Review of Immunology ( ANNU. REV. IMMUNOL. ) (United States) 1990 , 8/- (169-194)  
CODEN: ARIMD ISSN: 0301-3782  
DOCUMENT TYPE: Journal; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

We have presented evidence in this \*review\* for the following: (a) Macrophages are likely the first cell infected by HIV. Recovery of HIV from macrophages has been documented in the early stages...

...infected macrophages persist in tissue for extended periods of time (months) with large numbers of infectious particles contained within intracytoplasmic vacuoles. (c) Macrophages are a \*vector\* for the spread of infection to different tissues within the patient and between individuals. Several studies suggest a 'Trojan horse' role for HIV-infected macrophages

...

...latency in HIV-infected T cells. This litany of events in which macrophages participate in HIV-infection in humans parallels similar observations in such animal \*lentivirus\* infections as visna-maedi or caprine arthritis-encephalitis viruses. HIV interacts with monocytes differently than with T cells. Understanding this interaction may more clearly define...

7/3,K/2 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)  
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09493238 PMID: 1424782

**Mononuclear phagocytes as targets, tissue reservoirs, and immunoregulatory cells in human immunodeficiency virus disease.**

Meltzer M S; Gendelman H E  
Department of Cellular Immunology, Walter Reed Army Institute of Research, Washington, DC 20307-5100.  
Current topics in microbiology and immunology (GERMANY) 1992, 181 p239-63, ISSN 0070-217X Journal Code: 0110513  
Document type: Journal Article; Review; Review, Academic  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

We have presented evidence in this \*review\* for the following: 1. Macrophages are likely the first cell infected by HIV. Studies document recovery of HIV into macrophages in the early stages of...

...completed examining records  
S3 153 RD (unique items)  
?s s3 and (terminal adj repeat?)  
153 S3  
0 TERMINAL ADJ REPEAT?  
S4 0 S3 AND (TERMINAL ADJ REPEAT?)  
?s s3 and (terminal repeat?)  
153 S3  
4681 TERMINAL REPEAT?  
S5 0 S3 AND (TERMINAL REPEAT?)  
?s s3 (s) vector?  
153 S3  
1074006 VECTOR?  
S6 35 S3 (S) VECTOR?  
?show files;ds; t/3,k/all  
File 5:Biosis Previews(R) 1969-2004/Jul W1  
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Set	Items	Description
S1	1241	LENTIVIRUS? (S) RECOMBINANT?
S2	418	S1 NOT PY=>1997
S3	153	RD (unique items)
S4	0	S3 AND (TERMINAL ADJ REPEAT?)
S5	0	S3 AND (TERMINAL REPEAT?)
S6	35	S3 (S) VECTOR?

>>>KWIC option is not available in file(s): 399

6/3,K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0009718942 BIOSIS NO.: 199598186775  
**Chimeric macaque/human Fab molecules neutralize simian immunodeficiency virus**  
AUTHOR: Samuelsson Astrid; Chiodi Francesca; Ohman Pia; Putkonen Per;  
Norrbry Erling; Persson Mats A A (Reprint)  
AUTHOR ADDRESS: Karolinska Inst., Dep. Med., Rolf Luft's Cent., Karolinska  
Hosp., S-171 76 Stockholm, Sweden\*\*Sweden  
JOURNAL: Virology 207 (2): p495-502 1995 1995  
ISSN: 0042-6822  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: A collection of simian immunodeficiency virus (SIV) neutralizing \*recombinant\* Fab fragments was generated using the combinatorial antibody library approach. Functional antibody fragments efficiently expressed in Escherichia coli were identified only in the form of...

...macaque and from an asymptomatic HIV-2 seropositive individual, respectively. The combinatorial library was constructed on the surface of filamentous phage using the pComb3 phagemid \*vector\* and screened against purified SIV-sm surface glycoprotein (gp148). Twelve chimeric clones reacting with the antigen were isolated. Six of these clones showed a pronounced...

...Fab fragments were clonally unrelated as demonstrated by nucleic acid sequencing. These potent neutralizing reagents will be used for prophylactic and therapeutic immune intervention of \*lentivirus\* infection in macaques and to map neutralizing determinants of SIV.

6/3,K/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0009350642 BIOSIS NO.: 199497371927  
**Analysis of cytotoxic T lymphocyte responses to SIV proteins in SIV-infected macaques using antigen-specific stimulation with recombinant vaccinia and fowl poxviruses**  
AUTHOR: Kent Stephen J (Reprint); Stallard Virgai; Corey Lawrence; Hu  
Shiu-Lok; Morton William R; Gritz Linda; Panicali Dennis L; Greenberg  
Philip D